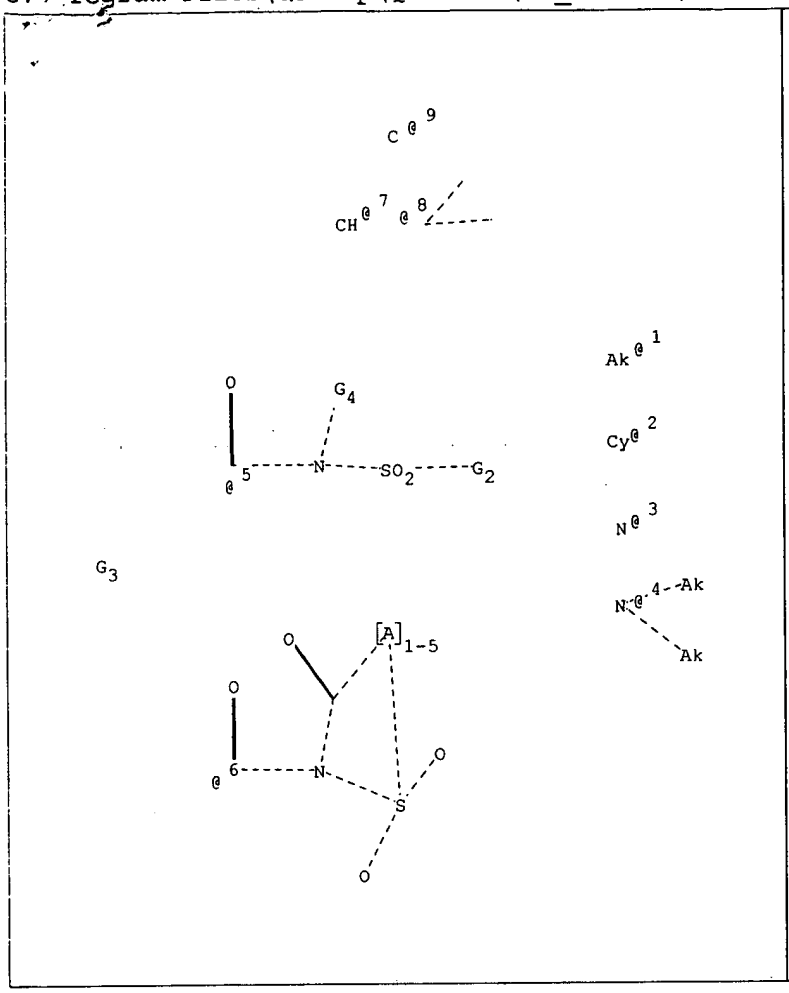
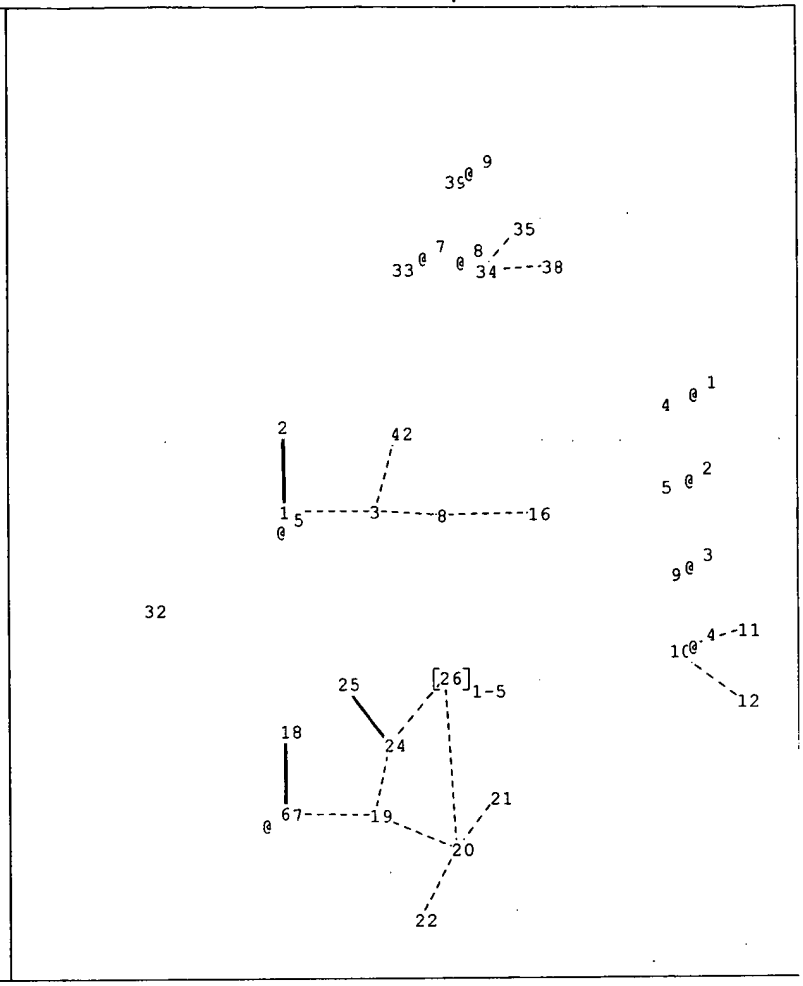
C:\Program Files\Stnexp\Queries\10_713174\shiao-d.str

structure L3





chain nodes :
1 2 3 4 5 8 10 11 12 16 17 18 21 22 25 32 33 34 35 38 39 42
ring nodes :
9 19 20 24 26
chain bonds :
1-2 1-3 3-8 3-42 8-16 10-11 10-12 17-18 17-19 20-21 20-22 24-25 34-35 34-38
ring bonds :
19-20 19-24 20-26 24-26
exact/norm bonds :
1-2 1-3 3-8 3-42 8-16 10-11 10-12 17-18 17-19 19-20 19-24 20-21 20-22 20-26
24-25 24-26 34-35 34-38

G2:[*1],[*2],[*3],[*4]

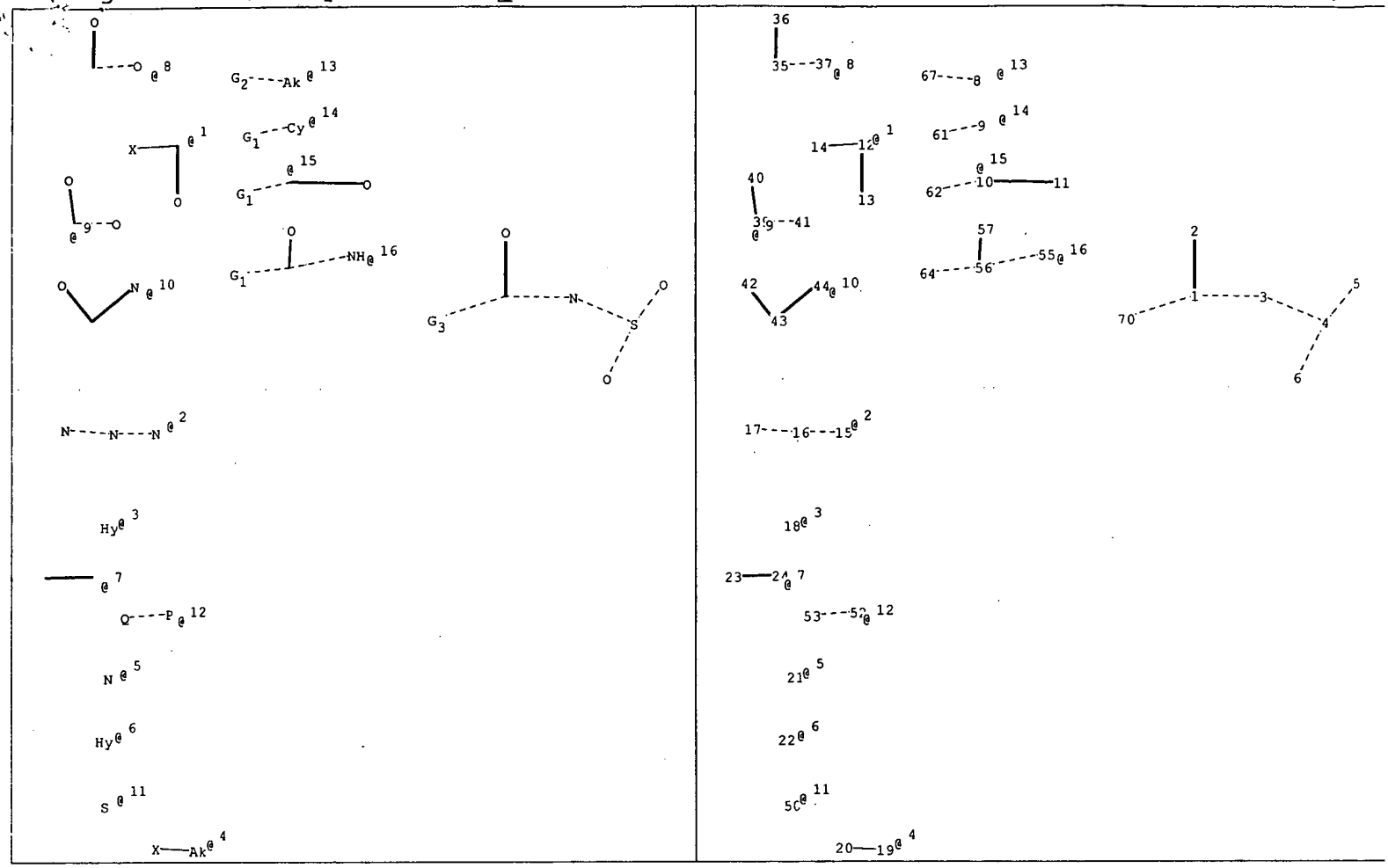
G3:[*5],[*6]

G4:[*2],[*7],[*8],[*9]

Connectivity :
21:1 E exact RC ring/chain 22:1 E exact RC ring/chain 39:4 E exact RC ring/chain
Match level :
1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:Atom 8:CLASS 9:Atom 10:CLASS 11:CLASS 12:CLASS
16:CLASS 17:CLASS 18:CLASS 19:Atom 20:Atom 21:CLASS 22:CLASS 24:Atom 25:CLASS
26:Atom 32:CLASS 33:CLASS 34:CLASS 35:CLASS 38:CLASS 39:CLASS 42:CLASS
Generic attributes :
5:

C:\Program Files\Stnexp\Queries\10_713174\shiao-ha.str

structure L7



chain nodes :
1 2 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 35 36 37
39 40 41 42 43 44 50 52 53 55 56 57 61 62 64 67 70
ring/chain nodes :
3 4
chain bonds :
1-2 1-3 1-70 4-5 4-6 8-67 9-61 10-11 10-62 12-13 12-14 15-16 16-17 19-20
23-24 35-36 35-37 39-40 39-41 42-43 43-44 52-53 55-56 56-57 56-64
ring/chain bonds :
3-4
exact/norm bonds :
1-2 1-3 1-70 3-4 4-5 4-6 8-67 9-61 10-11 10-62 12-13 15-16 16-17 19-20
35-36 35-37 39-40 39-41 42-43 43-44 52-53 55-56 56-57 56-64
exact bonds :
12-14 23-24

G1:OH,SH,CN,Si,[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G2:OH,SH,CN,Si,[*1],[*2],[*3],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G3:OH,SH,CN,Si,[*13],[*14],[*15],[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]
,[*16]

Connectivity :
5:1 E exact RC ring/chain 6:1 E exact RC ring/chain 21:3 E exact RC ring/chain
50:2 E exact RC ring/chain
Match level :

```
    1:CLASS  2:CLASS  3:CLASS  4:CLASS  5:CLASS  6:CLASS  8:CLASS  9:Atom  10:CLASS  11:CLASS
    12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:CLASS  18:Atom  19:CLASS  20:CLASS
    21:CLASS  22:Atom  23:CLASS  24:CLASS  35:CLASS  36:CLASS  37:CLASS  39:CLASS  40:CLASS
    41:CLASS  42:CLASS  43:CLASS  44:CLASS  50:CLASS  52:CLASS  53:CLASS  55:CLASS  56:CLASS
    57:CLASS  61:CLASS  62:CLASS  64:CLASS  67:CLASS  70:CLASS
Generic attributes :
    9:
    Saturation              : Unsaturated
    22:
    Saturation              : Unsaturated
    Number of Hetero Atoms  : Exactly 1

Element Count :
    Node 18: Limited
        N,N1
        C,C2
        O,O0
        S,S0
        P,P0
        Si,Si0

    Node 22: Limited
        N,N1
```

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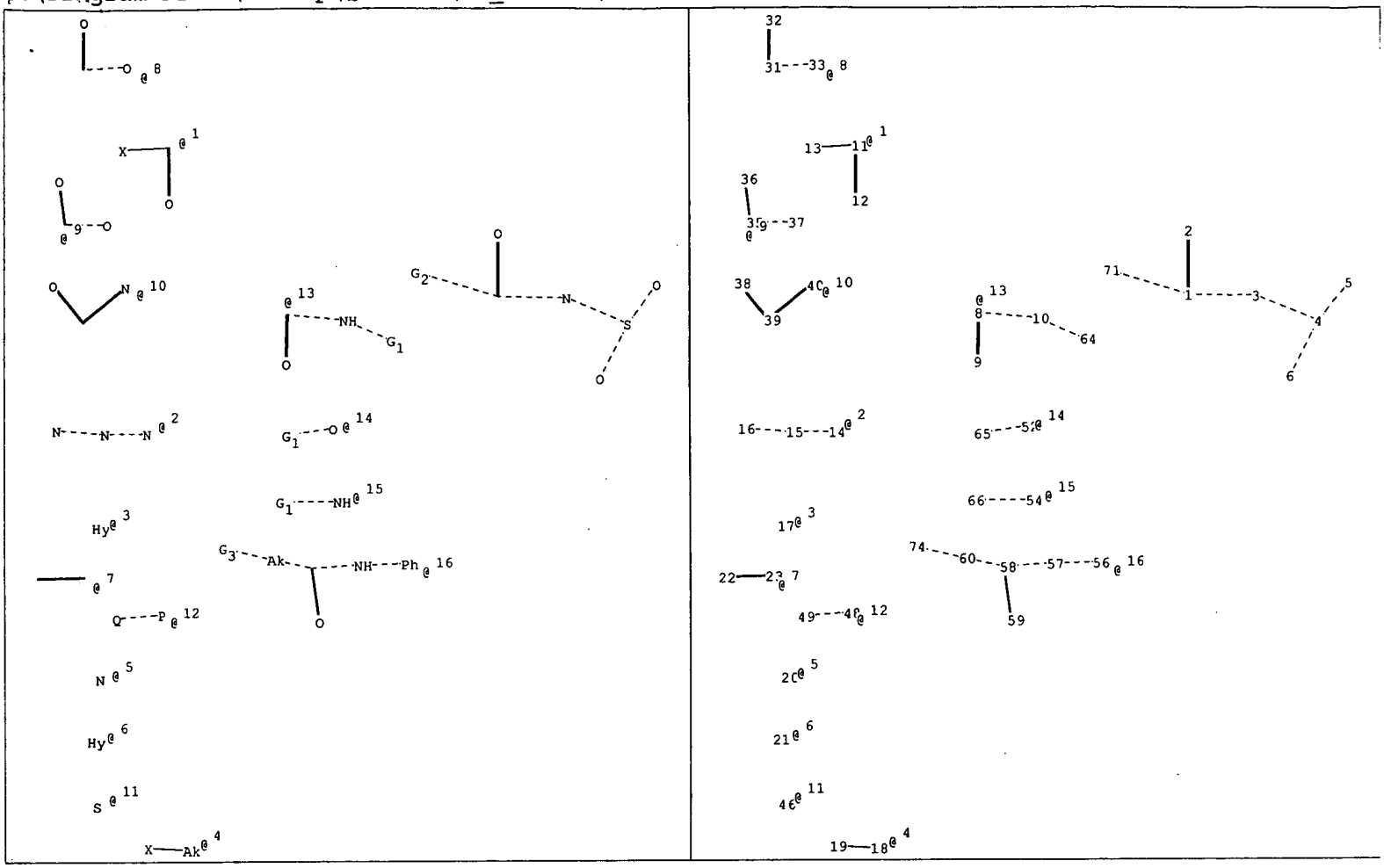
structure L11



chain nodes :
1 2 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 31 32 33 35
36 37 38 39 40 46 48 49 52 54 56 57 58 59 60 64 65 66 71 74
ring/chain nodes :
3 4
chain bonds :
1-2 1-3 1-71 4-5 4-6 8-9 8-10 10-64 11-12 11-13 14-15 15-16 18-19 22-23
31-32 31-33 35-36 35-37 38-39 39-40 48-49 52-65 54-66 56-57 57-58 58-59 58-60
60-74
ring/chain bonds :
3-4
exact/norm bonds :
1-2 1-3 1-71 3-4 4-5 4-6 8-9 8-10 10-64 11-12 14-15 15-16 18-19 31-32 31-33
35-36 35-37 38-39 39-40 48-49 52-65 54-66 56-57 57-58 58-59 58-60 60-74
exact bonds :
11-13 22-23

G1:OH,SH,CN,Si,[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G2:Si,OH,SH,CN,[*13],[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12],[*14],[*15]
,[*16]

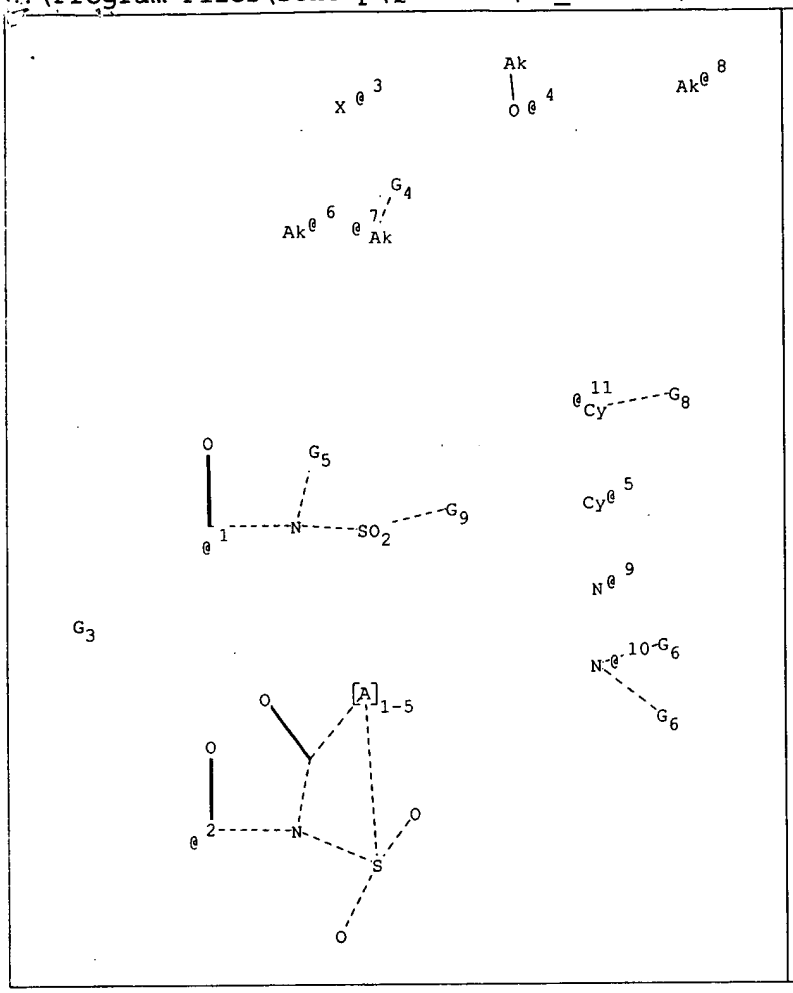
G3:OH,SH,CN,Si,[*1],[*2],[*3],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

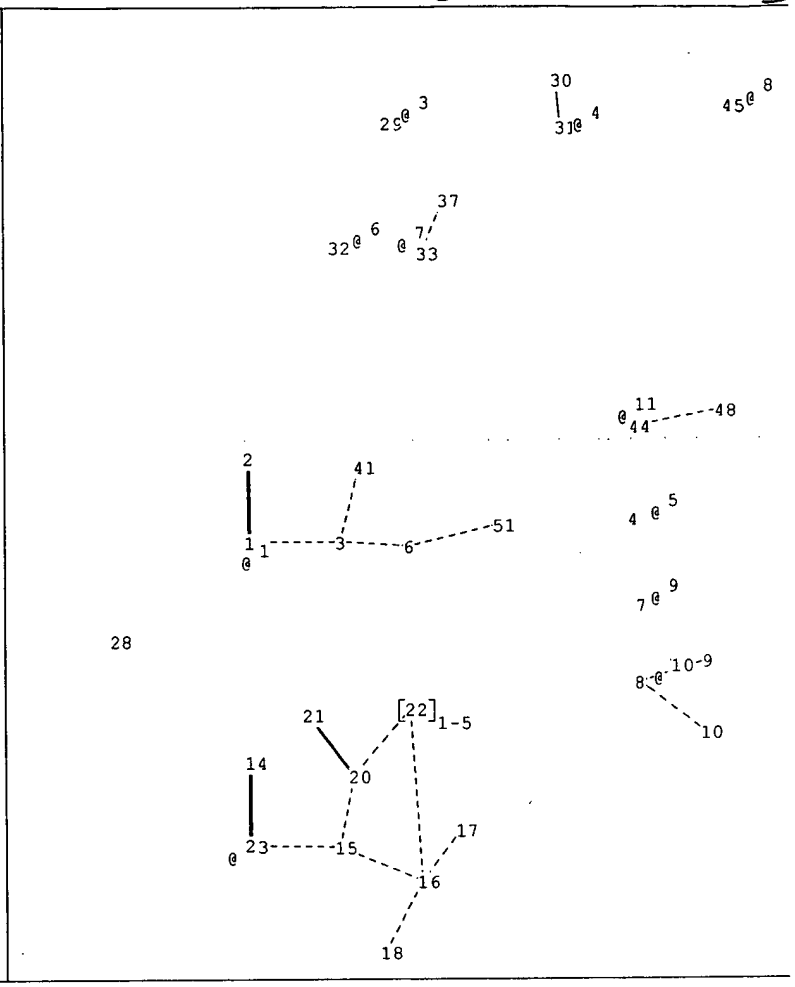
Connectivity :
5:1 E exact RC ring/chain 6:1 E exact RC ring/chain 20:3 E exact RC ring/chain
46:2 E exact RC ring/chain

```
Match level :
    1:CLASS  2:CLASS  3:Atom  4:Atom  5:CLASS  6:CLASS  8:CLASS  9:CLASS  10:CLASS  11:CLASS
    12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:Atom  18:CLASS  19:CLASS  20:CLASS
    21:Atom  22:CLASS  23:CLASS  31:CLASS  32:CLASS  33:CLASS  35:CLASS  36:CLASS  37:CLASS
    38:CLASS  39:CLASS  40:CLASS  46:CLASS  48:CLASS  49:CLASS  52:CLASS  54:CLASS  56:CLASS
    57:CLASS  58:CLASS  59:CLASS  60:CLASS  64:CLASS  65:CLASS  66:CLASS  71:CLASS  74:CLASS
Generic attributes :
    21:
    Saturation              : Unsaturated
    Number of Hetero Atoms : Exactly 1

Element Count :
    Node 17: Limited
        N,N1
        C,C2
        O,O0
        S,S0
        P,P0
        Si,Si0

    Node 21: Limited
        N,N1
```

C:\Program Files\Stnexp\Queries\10_713174\shiao-x.str

structure L13





chain nodes :
1 2 3 4 6 8 9 10 13 14 17 18 21 28 29 30 31 32 33 37 41 44 45 48 51
ring nodes :
7 15 16 20 22
chain bonds :
1-2 1-3 3-6 3-41 6-51 8-9 8-10 13-14 13-15 16-17 16-18 20-21 30-31 33-37 44-48
ring bonds :
15-16 15-20 16-22 20-22
exact/norm bonds :
1-2 1-3 3-6 3-41 6-51 8-9 8-10 13-14 13-15 15-16 15-20 16-17 16-18 16-22 20-21 20-22 30-31 33-37 44-48

G3:[*1],[*2]

G4:[*3],[*4]

G5:[*5],[*6],[*7]

G6:[*6],[*7]

G8:[*3],[*4],[*8]

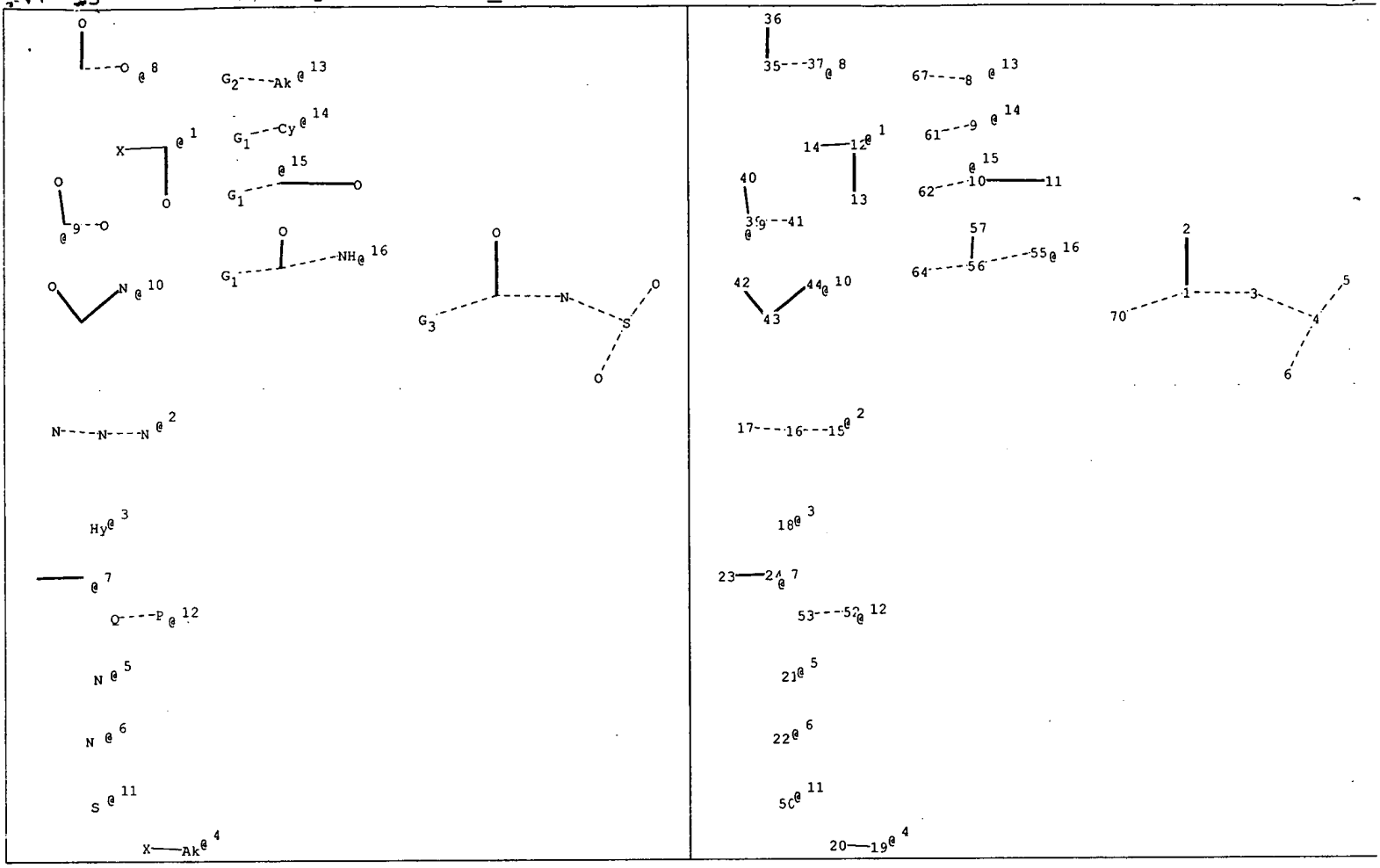
G9:[*5],[*9],[*10],[*6],[*7],[*11]

Connectivity :

4:1 E exact RC ring/chain 17:1 E exact RC ring/chain 18:1 E exact RC ring/chain
32:1 E exact RC ring/chain
Match level :
1:CLASS 2:CLASS 3:CLASS 4:Atom 6:CLASS 7:Atom 8:CLASS 9:CLASS 10:CLASS 13:CLASS
14:CLASS 15:Atom 16:Atom 17:CLASS 18:CLASS 20:Atom 21:CLASS 22:Atom 28:CLASS
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 37:CLASS 41:CLASS 44:Atom 45:CLASS
48:CLASS 51:CLASS
Generic attributes :
4:
Saturation : Unsaturated

C:\Program Files\Stnexp\Queries\10_713174\shiao-ha2.str

structure L24



chain nodes :
1 2 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 35 36 37 39
40 41 42 43 44 50 52 53 55 56 57 61 62 64 67 70
ring nodes :
22
ring/chain nodes :
3 4
chain bonds :
1-2 1-3 1-70 4-5 4-6 8-67 9-61 10-11 10-62 12-13 12-14 15-16 16-17 19-20
23-24 35-36 35-37 39-40 39-41 42-43 43-44 52-53 55-56 56-57 56-64
ring/chain bonds :
3-4
exact/norm bonds :
1-2 1-3 1-70 3-4 4-5 4-6 8-67 9-61 10-11 10-62 12-13 15-16 16-17 19-20
35-36 35-37 39-40 39-41 42-43 43-44 52-53 55-56 56-57 56-64
exact bonds :
12-14 23-24

G1:OH,SH,CN,Si,[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G2:OH,SH,CN,Si,[*1],[*2],[*3],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G3:OH,SH,CN,Si,[*13],[*14],[*15],[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]
,[*16]

Connectivity :

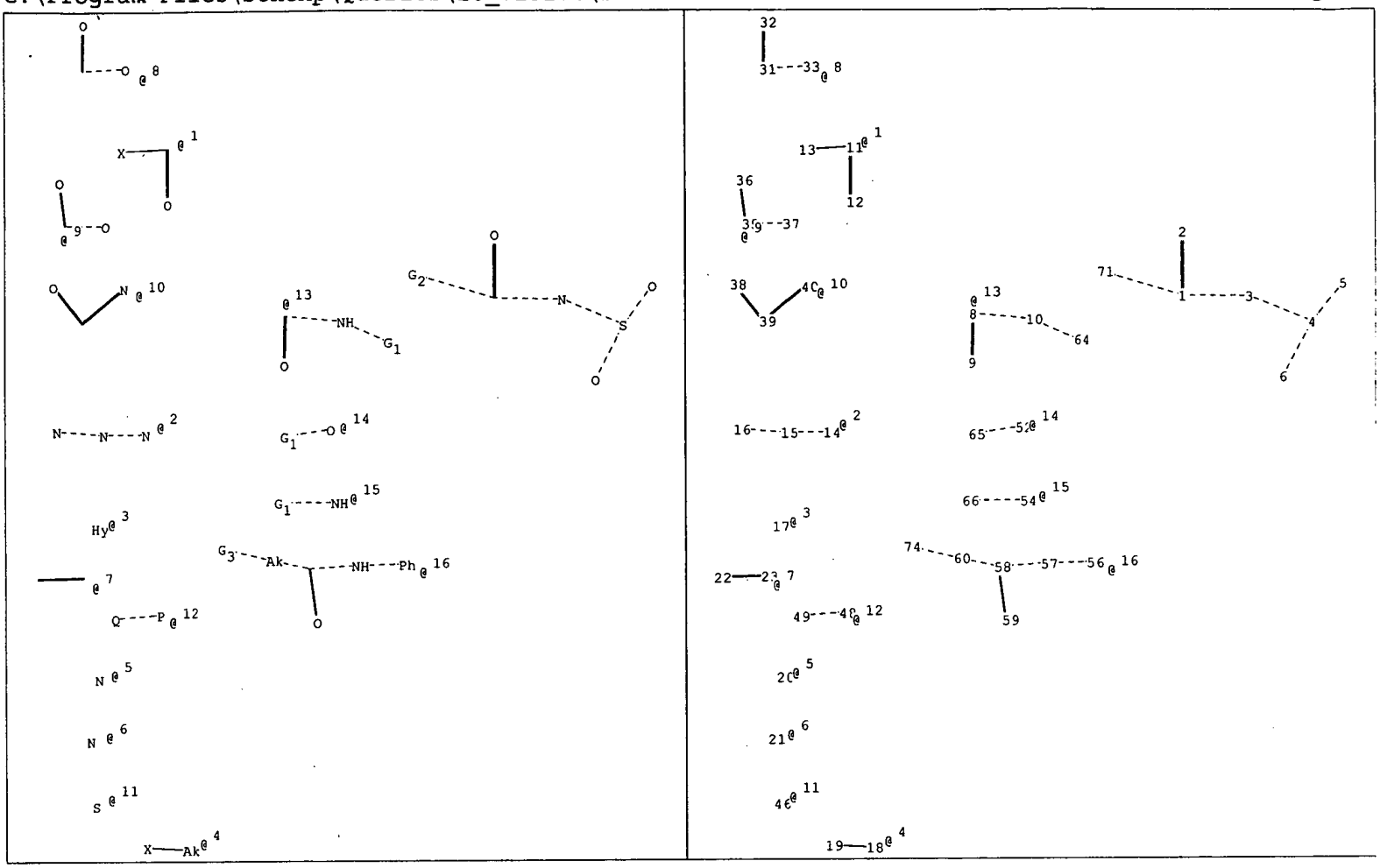
5:1 E exact RC ring/chain 6:1 E exact RC ring/chain 21:3 E exact RC ring/chain
43:2 E exact RC ring/chain 50:2 E exact RC ring/chain
Match level :
1:CLASS 2:CLASS 3:Atom 4:Atom 5:CLASS 6:CLASS 8:CLASS 9:Atom 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:CLASS 20:CLASS
21:CLASS 22:Atom 23:CLASS 24:CLASS 35:CLASS 36:CLASS 37:CLASS 39:CLASS 40:CLASS
41:CLASS 42:CLASS 43:CLASS 44:CLASS 50:CLASS 52:CLASS 53:CLASS 55:CLASS 56:CLASS
57:CLASS 61:CLASS 62:CLASS 64:CLASS 67:CLASS 70:CLASS
Generic attributes :
9:
Saturation : Unsaturated

Element Count :
Node 18: Limited
N,N1
C,C2
O,O0
S,S0
P,P0
Si,Si0

Node 22: Limited
N,N1

C:\Program Files\Stnexp\Queries\10_713174\shiao-hc2.str

structure L28



chain nodes :
1 2 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 22 23 31 32 33 35 36
37 38 39 40 46 48 49 52 54 56 57 58 59 60 64 65 66 71 74
ring nodes :
21
ring/chain nodes :
3 4
chain bonds :
1-2 1-3 1-71 4-5 4-6 8-9 8-10 10-64 11-12 11-13 14-15 15-16 18-19 22-23
31-32 31-33 35-36 35-37 38-39 39-40 48-49 52-65 54-66 56-57 57-58 58-59 58-60
60-74
ring/chain bonds :
3-4
exact/norm bonds :
1-2 1-3 1-71 3-4 4-5 4-6 8-9 8-10 10-64 11-12 14-15 15-16 18-19 31-32 31-33
35-36 35-37 38-39 39-40 48-49 52-65 54-66 56-57 57-58 58-59 58-60 60-74
exact bonds :
11-13 22-23

G1:OH,SH,CN,Si,[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G2:Si,OH,SH,CN,[*13],[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12],[*14],[*15]
,[*16]

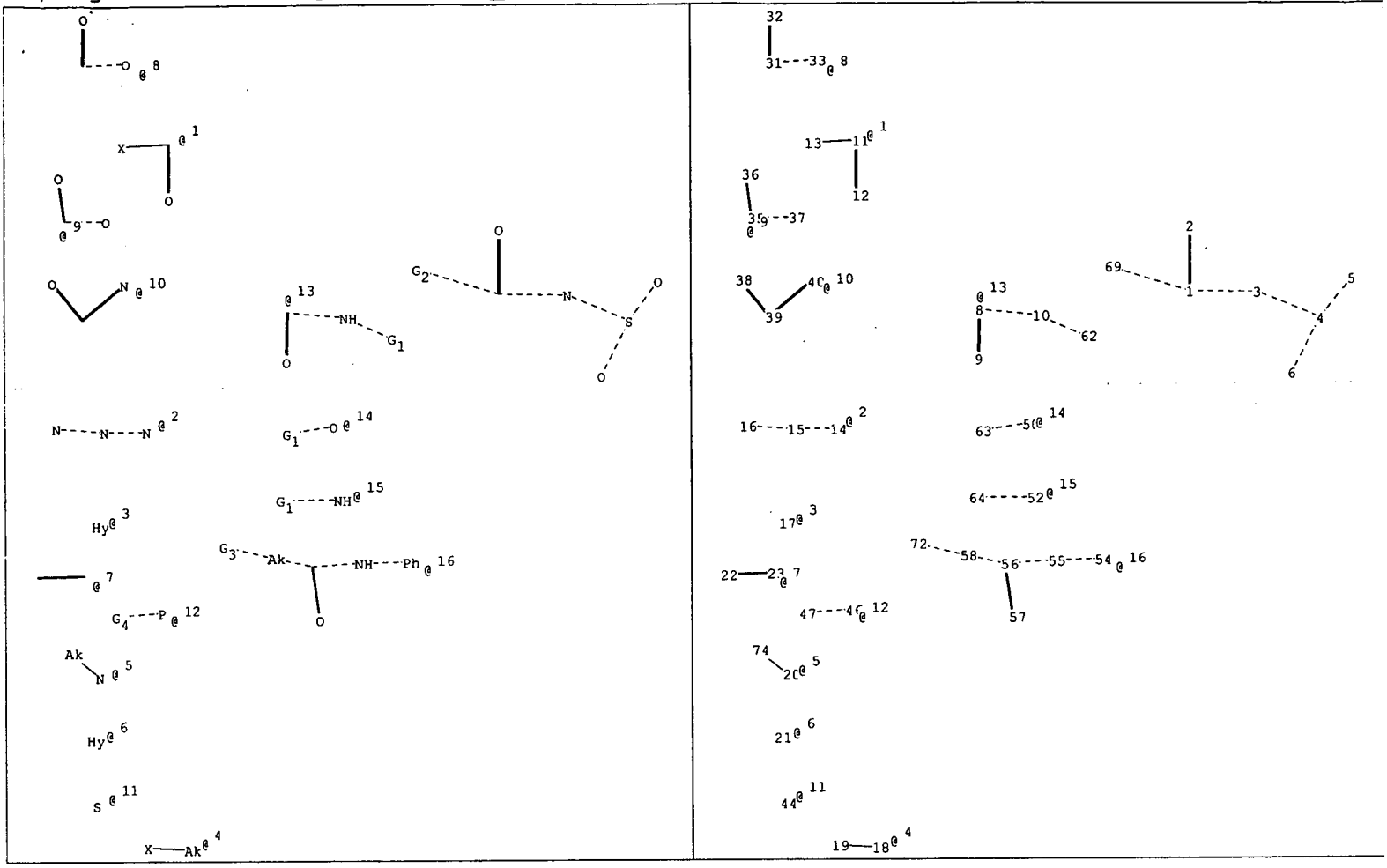
G3:OH,SH,CN,Si,[*1],[*2],[*3],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

Connectivity :

```
    5:1 E exact RC ring/chain  6:1 E exact RC ring/chain  20:3 E exact RC ring/chain
    39:2 E exact RC ring/chain  46:2 E exact RC ring/chain
Match level :
    1:CLASS  2:CLASS  3:Atom  4:Atom  5:CLASS  6:CLASS  8:CLASS  9:CLASS  10:CLASS  11:CLASS
    12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:Atom  18:CLASS  19:CLASS  20:CLASS
    21:Atom  22:CLASS  23:CLASS  31:CLASS  32:CLASS  33:CLASS  35:CLASS  36:CLASS  37:CLASS
    38:CLASS  39:CLASS  40:CLASS  46:CLASS  48:CLASS  49:CLASS  52:CLASS  54:CLASS  56:CLASS
    57:CLASS  58:CLASS  59:CLASS  60:CLASS  64:CLASS  65:CLASS  66:CLASS  71:CLASS  74:CLASS
Element Count :
    Node 17: Limited
        N,N1
        C,C2
        O,O0
        S,S0
        P,P0
        Si,Si0

    Node 21: Limited
        N,N1
```

C:\Program Files\Stnexp\Queries\10_713174\shiao-hc3.str

structure L34



chain nodes :
1 2 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 31 32 33 35
36 37 38 39 40 44 46 47 50 52 54 55 56 57 58 62 63 64 69 72 74
ring/chain nodes :
3 4
chain bonds :
1-2 1-3 1-69 4-5 4-6 8-9 8-10 10-62 11-12 11-13 14-15 15-16 18-19 20-74
22-23 31-32 31-33 35-36 35-37 38-39 39-40 46-47 50-63 52-64 54-55 55-56 56-57
56-58 58-72
ring/chain bonds :
3-4
exact/norm bonds :
1-2 1-3 1-69 3-4 4-5 4-6 8-9 8-10 10-62 11-12 14-15 15-16 18-19 20-74 31-32
31-33 35-36 35-37 38-39 39-40 46-47 50-63 52-64 54-55 55-56 56-57 56-58 58-72
exact bonds :
11-13 22-23

G1:OH,SH,CN,Si,[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G2:Si,OH,SH,CN,[*13],[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12],[*14],[*15]
,[*16]

G3:OH,SH,CN,Si,[*1],[*2],[*3],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

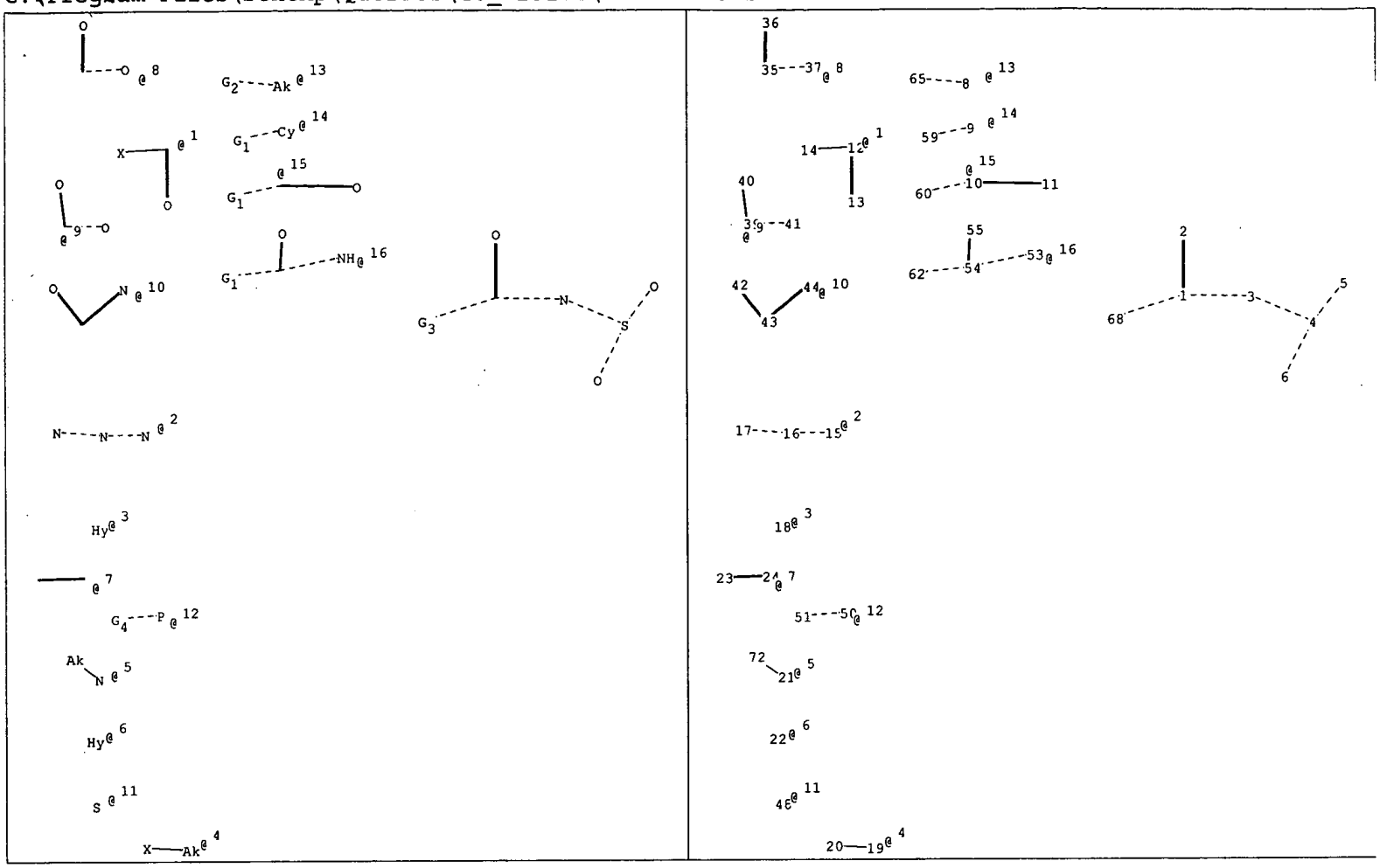
G4:O,P

Connectivity :

```
    5:1 E exact RC ring/chain  6:1 E exact RC ring/chain  15:2 E exact RC ring/chain
    16:1 E exact RC ring/chain  17:1 E exact RC ring/chain  18:2 E exact RC ring/chain
    20:3 E exact RC ring/chain  21:1 E exact RC ring/chain  22:1 E exact RC ring/chain
    38:1 E exact RC ring/chain  39:2 E exact RC ring/chain  44:2 E exact RC ring/chain
    50:2 E exact RC ring/chain  58:2 E exact RC ring/chain
Match level :
    1:CLASS  2:CLASS  3:Atom  4:Atom  5:CLASS  6:CLASS  8:CLASS  9:CLASS  10:CLASS  11:CLASS
    12:CLASS  13:CLASS  14:CLASS  15:CLASS  16:CLASS  17:Atom  18:CLASS  19:CLASS  20:CLASS
    21:Atom  22:CLASS  23:CLASS  31:CLASS  32:CLASS  33:CLASS  35:CLASS  36:CLASS  37:CLASS
    38:CLASS  39:CLASS  40:CLASS  44:CLASS  46:CLASS  47:CLASS  50:CLASS  52:CLASS  54:CLASS
    55:CLASS  56:CLASS  57:CLASS  58:CLASS  62:CLASS  63:CLASS  64:CLASS  69:CLASS  72:CLASS
    74:CLASS
Generic attributes :
    21:
    Saturation              : Unsaturated

Element Count :
    Node 17: Limited
        Si,Si0

    Node 21: Limited
        N,N1
```

C:\Program Files\Stnexp\Queries\10_713174\shiao-ha3.str

Structure L38



chain nodes :
1 2 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 35 36 37
39 40 41 42 43 44 48 50 51 53 54 55 59 60 62 65 68 72
ring/chain nodes :
3 4
chain bonds :
1-2 1-3 1-68 4-5 4-6 8-65 9-59 10-11 10-60 12-13 12-14 15-16 16-17 19-20
21-72 23-24 35-36 35-37 39-40 39-41 42-43 43-44 50-51 53-54 54-55 54-62
ring/chain bonds :
3-4
exact/norm bonds :
1-2 1-3 1-68 3-4 4-5 4-6 8-65 9-59 10-11 10-60 12-13 15-16 16-17 19-20
21-72 35-36 35-37 39-40 39-41 42-43 43-44 50-51 53-54 54-55 54-62
exact bonds :
12-14 23-24

G1:OH,SH,CN,Si,[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G2:OH,SH,CN,Si,[*1],[*2],[*3],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G3:OH,SH,CN,Si,[*13],[*14],[*15],[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]
,[*16]

G4:O,P

Connectivity :

5:1 E exact RC ring/chain 6:1 E exact RC ring/chain 8:2 E exact RC ring/chain
9:2 E exact RC ring/chain 16:2 E exact RC ring/chain 17:1 E exact RC ring/chain
18:1 E exact RC ring/chain 19:2 E exact RC ring/chain 21:3 E exact RC ring/chain
22:1 E exact RC ring/chain 23:1 E exact RC ring/chain 42:1 E exact RC ring/chain
43:2 E exact RC ring/chain 48:2 E exact RC ring/chain

Match level :

1:CLASS 2:CLASS 3:Atom 4:Atom 5:CLASS 6:CLASS 8:CLASS 9:Atom 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:CLASS 20:CLASS
21:CLASS 22:Atom 23:CLASS 24:CLASS 35:CLASS 36:CLASS 37:CLASS 39:CLASS 40:CLASS
41:CLASS 42:CLASS 43:CLASS 44:CLASS 48:CLASS 50:CLASS 51:CLASS 53:CLASS 54:CLASS
55:CLASS 59:CLASS 60:CLASS 62:CLASS 65:CLASS 68:CLASS 72:CLASS

Generic attributes :

9:
Saturation : Unsaturated
22:
Saturation : Unsaturated

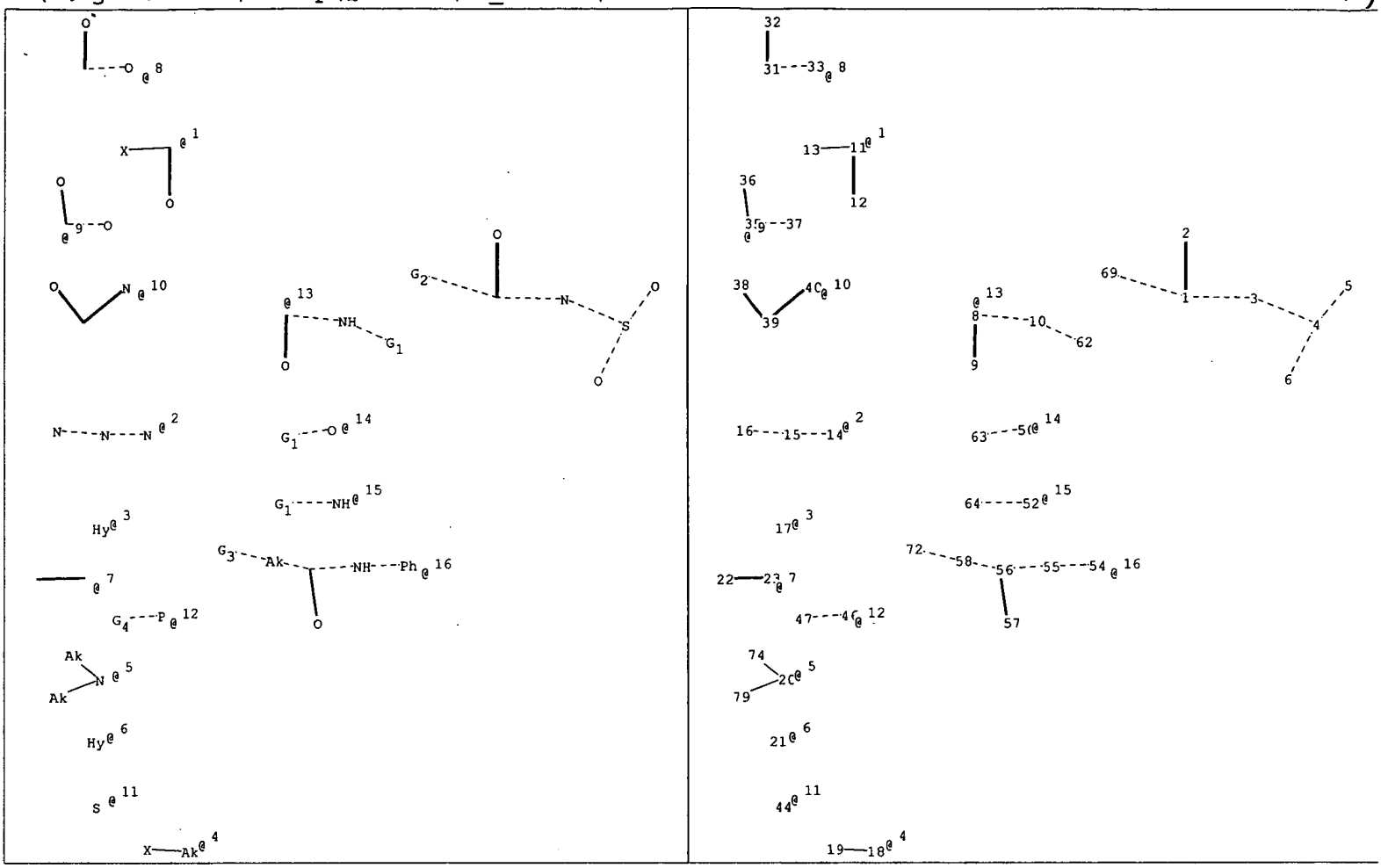
Element Count :

Node 18: Limited
Si,Si0

Node 22: Limited
N,N1

C:\Program Files\Stnexp\Queries\10_713174\shiao-hc4.str

Structure L 44



chain nodes :
1 2 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 31 32 33 35
36 37 38 39 40 44 46 47 50 52 54 55 56 57 58 62 63 64 69 72 74 79
ring/chain nodes :
3 4
chain bonds :
1-2 1-3 1-69 4-5 4-6 8-9 8-10 10-62 11-12 11-13 14-15 15-16 18-19 20-74
20-79 22-23 31-32 31-33 35-36 35-37 38-39 39-40 46-47 50-63 52-64 54-55 55-56
56-57 56-58 58-72
ring/chain bonds :
3-4
exact/norm bonds :
1-2 1-3 1-69 3-4 4-5 4-6 8-9 8-10 10-62 11-12 14-15 15-16 18-19 20-74 20-79
31-32 31-33 35-36 35-37 38-39 39-40 46-47 50-63 52-64 54-55 55-56 56-57 56-58
58-72
exact bonds :
11-13 22-23

G1:OH,SH,CN,Si,[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G2:Si,OH,SH,CN,[*13],[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12],[*14],[*15]
,[*16]

G3:OH,SH,CN,Si,[*1],[*2],[*3],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G4:O,P

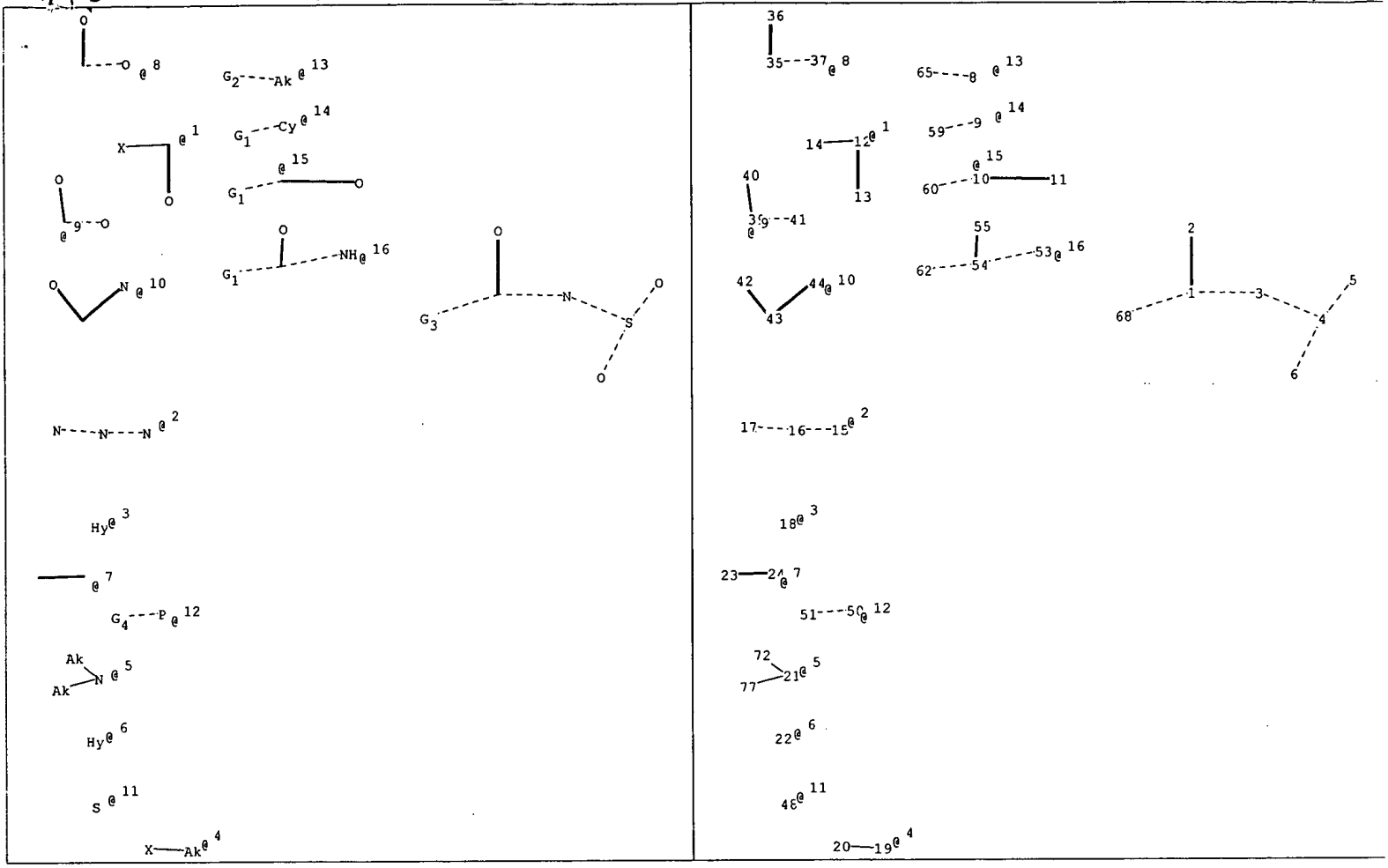
Connectivity :
5:1 E exact RC ring/chain 6:1 E exact RC ring/chain 15:2 E exact RC ring/chain
16:1 E exact RC ring/chain 17:1 E exact RC ring/chain 18:2 E exact RC ring/chain
20:3 E exact RC ring/chain 21:1 E exact RC ring/chain 22:1 E exact RC ring/chain
38:1 E exact RC ring/chain 39:2 E exact RC ring/chain 44:2 E exact RC ring/chain
50:2 E exact RC ring/chain 58:2 E exact RC ring/chain 74:1 E exact RC ring/chain
79:1 E exact RC ring/chain
Match level :
1:CLASS 2:CLASS 3:Atom 4:Atom 5:CLASS 6:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:Atom 18:CLASS 19:CLASS 20:CLASS
21:Atom 22:CLASS 23:CLASS 31:CLASS 32:CLASS 33:CLASS 35:CLASS 36:CLASS 37:CLASS
38:CLASS 39:CLASS 40:CLASS 44:CLASS 46:CLASS 47:CLASS 50:CLASS 52:CLASS 54:CLASS
55:CLASS 56:CLASS 57:CLASS 58:CLASS 62:CLASS 63:CLASS 64:CLASS 69:CLASS 72:CLASS
74:CLASS 79:CLASS
Generic attributes :
21:
Saturation : Unsaturated

Element Count :
Node 17: Limited
Si,Si0

Node 21: Limited
N,N1

C:\Program Files\Stnexp\Queries\10_713174\shiao-ha4.str

Structure L47



chain nodes :
1 2 5 6 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 35 36 37
39 40 41 42 43 44 48 50 51 53 54 55 59 60 62 65 68 72 77
ring/chain nodes :
3 4
chain bonds :
1-2 1-3 1-68 4-5 4-6 8-65 9-59 10-11 10-60 12-13 12-14 15-16 16-17 19-20
21-72 21-77 23-24 35-36 35-37 39-40 39-41 42-43 43-44 50-51 53-54 54-55 54-62
ring/chain bonds :
3-4
exact/norm bonds :
1-2 1-3 1-68 3-4 4-5 4-6 8-65 9-59 10-11 10-60 12-13 15-16 16-17 19-20
21-72 21-77 35-36 35-37 39-40 39-41 42-43 43-44 50-51 53-54 54-55 54-62
exact bonds :
12-14 23-24

G1:OH,SH,CN,Si,[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G2:OH,SH,CN,Si,[*1],[*2],[*3],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]

G3:OH,SH,CN,Si,[*13],[*14],[*15],[*1],[*2],[*3],[*4],[*5],[*6],[*7],[*8],[*9],[*10],[*11],[*12]
,[*16]

G4:O,P

Connectivity :

5:1 E exact RC ring/chain 6:1 E exact RC ring/chain 8:2 E exact RC ring/chain
9:2 E exact RC ring/chain 16:2 E exact RC ring/chain 17:1 E exact RC ring/chain
18:1 E exact RC ring/chain 19:2 E exact RC ring/chain 21:3 E exact RC ring/chain
22:1 E exact RC ring/chain 23:1 E exact RC ring/chain 42:1 E exact RC ring/chain
43:2 E exact RC ring/chain 48:2 E exact RC ring/chain 72:1 E exact RC ring/chain
77:1 E exact RC ring/chain

Match level :
1:CLASS 2:CLASS 3:Atom 4:Atom 5:CLASS 6:CLASS 8:CLASS 9:Atom 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:Atom 19:CLASS 20:CLASS
21:CLASS 22:Atom 23:CLASS 24:CLASS 35:CLASS 36:CLASS 37:CLASS 39:CLASS 40:CLASS
41:CLASS 42:CLASS 43:CLASS 44:CLASS 48:CLASS 50:CLASS 51:CLASS 53:CLASS 54:CLASS
55:CLASS 59:CLASS 60:CLASS 62:CLASS 65:CLASS 68:CLASS 72:CLASS 77:CLASS

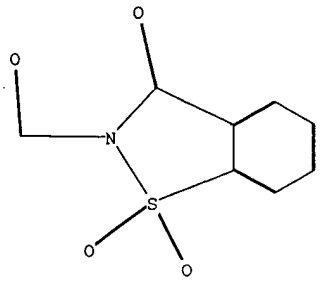
Generic attributes :
9:
Saturation : Unsaturated
22:
Saturation : Unsaturated

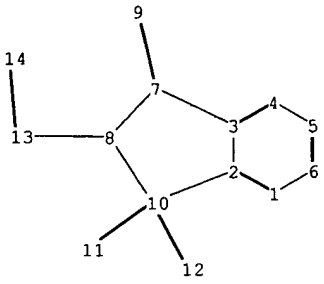
Element Count :
Node 18: Limited
Si,Si0

Node 22: Limited
N,N1

C:\Program Files\Stnexp\Queries\10_713174\claim9.str

Structure L7





chain nodes :
9 11 12 13 14
ring nodes :
1 2 3 4 5 6 7 8 10
chain bonds :
7-9 8-13 10-11 10-12 13-14
ring bonds :
1-2 1-6 2-3 2-10 3-4 3-7 4-5 5-6 7-8 8-10
exact/norm bonds :
2-10 3-7 7-8 7-9 8-10 8-13 10-11 10-12 13-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:CLASS 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS